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CORRIGENDUM

In Nie et al,[1] the TEM image of the MI +MCC950 + H_2 group in Figure 2H and the Masson local image for the MI +MCC950 + H_2 group in Figure 3A cannot be used as representative images. The correct figure is shown below. The authors confirm all results and conclusions of this article remain unchanged.

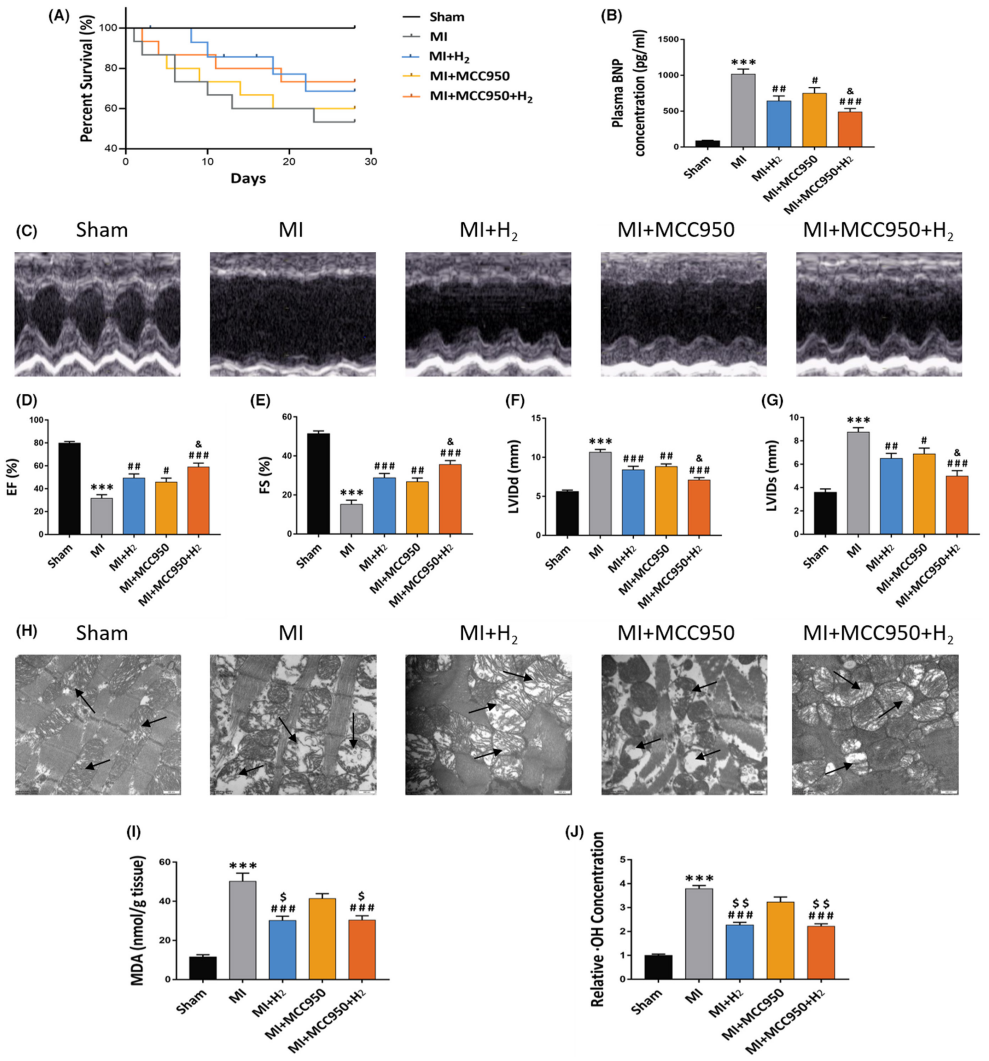

FIGURE 2 Effects of H_2 inhalation on cardiac function and myocardial structure changes in rats. (A) Survival curve of rats of each experimental group; (B) the plasma BNP concentration of each group, $n = 5$ per group; (C) images illustrating echocardiography of rat's heart; (D–G) EF (%); FS (%); LVIDd and LVIDs ($n = 5$ per group); (H) TEM images illustrating the cardiomyocytes (×30k magnification, scale bar 100 nm), the arrow indicates the mitochondria of cardiomyocytes; (I) the heart MDA concentration of each group, $n = 5$ per group; (J) the heart relative ·OH concentration of each group, $n = 5$ per group. Data are shown by mean ± SEM, $^{***}p < 0.001$ vs Sham group. $\#p < 0.05$ $\#\#p < 0.01$ $\#\#\#p < 0.001$ vs MI group. $\&p < 0.05$ vs MI + MCC950 group. $\$\$\$p < 0.001$ vs MI + MCC950 group

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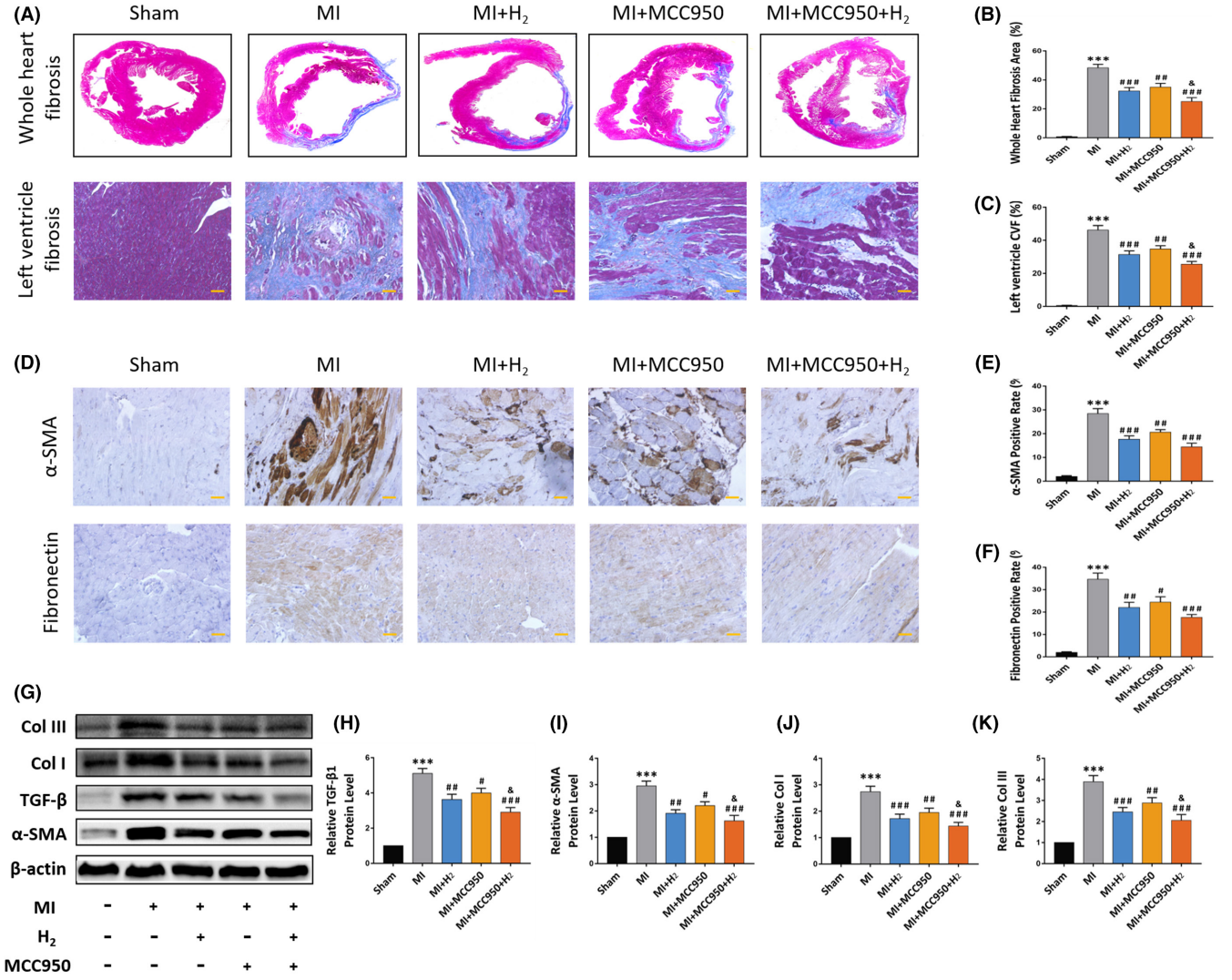

FIGURE 3 Effects of inhalation of H_2 on myocardial fibrosis and fibrosis-related proteins in MI rats. (A) The representative Masson images of rat whole heart and left ventricle; (B) fibrosis area of whole heart sections. $n = 5$ per group; (C) collagen volume fraction of left ventricle. $n = 5$ per group; (D) the representative immunohistochemical staining images of α-SMA and fibronectin expression in each group (×20 magnification, scale bar 50 μm); (E–F) quantification of α-SMA and fibronectin-positive cells statistical chart, $n = 5$ per group; (G) the representative Western blot bands of TGF-β, α-SMA, Col I and Col III; (H–K) relative TGF-β, α-SMA, Col I and Col III protein level, $n = 5$. Data are shown by mean ± SEM, $^{***}p < 0.001$ vs Sham group. $\#p < 0.05$ $\#\#p < 0.01$ $\#\#\#p < 0.001$ vs MI group. $\&p < 0.05$ vs MI +MCC950 group

REFERENCE

1. Nie C, Zou R, Pan S, et al. Hydrogen gas inhalation ameliorates cardiac remodelling and fibrosis by regulating NLRP3 inflammasome in myocardial infarction rats. *J Cell Mol Med*. 2021;25(18):8997-9010. 10.1111/jcmm.16863